

## INTERNATIONAL SEARCH REPORT

		Internat'l Application No. PCT/GB 99/02823
<b>A. CLASSIFICATION OF SUBJECT MATTER</b> IPC 7 G01V3/12 G01V11/00		
According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b>		
Minimum documentation searched (classification system followed by classification symbols) IPC 7 G01V		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronics data base consulted during the international search (name of data base and, where practical, search terms used)		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 98 28638 A (KARTASHOV MIKHAIL VIKTOROVICH ; NIZAMOV ALEXANDR ZHAKFEROVICH (RU);) 2 July 1998 (1998-07-02) abstract	1-3, 5, 12-14, 17-22
Y	US 4 633 182 A (DZWIEL JAN) 30 December 1986 (1986-12-30)  column 2, line 33 -column 3, line 55 column 6, line 44 - line 53	1-3, 5, 12-14, 17-22
A	FR 2 479 992 A (DUROUX JEAN) 9 October 1981 (1981-10-09)  page 2, line 7 -page 5, line 35	1-5, 8, 12-14, 16, 17, 19-21
	-/-	
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C.		<input checked="" type="checkbox"/> Patent family members are listed in annex.
* Special categories of cited documents :		
*A* document defining the general state of the art which is not considered to be of particular relevance		
*E* earlier document but published on or after the international filing date		
*L* document which may throw doubt on priority claim(s) or which is cited to establish the publication date of another citation or other specific reason (as specified)		
*O* document relating to an oral disclosure, use, exhibition or other events		
*P* document published prior to the international filing date but later than the priority date claimed		
*T* later document published after the international filing date or priority date and not in conflict with the application but still useful to understand the principle or theory underlying the invention		
*X* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is taken alone		
*Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is taken in combination with one or more other documents, such combination being obvious to a person skilled in the art		
*Z* document member of the same patent family		
Date of the actual completion of the international search		Date of mailing of the international search report
29 November 1999		08/12/1999
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentsteen 2 NL-2233 AH Rijswijk Tel: (+31-70) 340-2040, Tx: 31 651 epo nl Fax: (+31-70) 340-3016		Authorized officer
		Häusser, T

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 563 513 A (TASCI M TAH SIN ET AL) 8 October 1996 (1996-10-08) column 2, line 20 - line 63	1,17,22
A	GREAVES R J ET AL: "NEW DIMENSIONS IN GEOPHYSICS FOR RESERVOIR MONITORING" SPE FORMATION EVALUATION, US, THE SOCIETY, RICHARDSON, TX, vol. 6, no. 2, page 141-150 XP000646267 ISSN: 0885-923X page. 148	1,17

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Information on patent family members

Inter. Appl. No.  
PCT/GB 99/02823

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US 4633182	A	30-12-1986	CA	1214519 A	25-11-1986
			DE	3400284 A	06-09-1984
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US 5563513	A	08-10-1996	AU	1397595 A	27-06-1995
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			WO	9516212 A	15-06-1995